



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3120

LLUT922000

May 19, 2014

ERRATA SHEET

Canyon Country District Office Lease Parcels

This Errata Sheet amends the Notice of Competitive Lease Sale (NCLS) for the competitive oil and gas lease auction to be held at the Bureau of Land Management (BLM) Utah State Office on May 20, 2014.

1. The following lands, where only the surface has been re-conveyed to the United States, have been removed from parcel UTU90307 (UT0214-213): T. 35 S., R. 25 E., Salt Lake Meridian, Section 16: N2N2, SWNW, W2SW. The corrected legal description and acreage for the parcel is as follows:

UTU90307 (UT0214-213)

T. 35 S., R. 25 E., Salt Lake

Sec. 3: S2SW, N2SE;

Sec. 4: SESE;

Sec. 5: Lots 2-4, SWNE, S2NW, SW;

Sec. 9: NENE, S2NE, SENW, S2;

Sec. 10: W2W2;

Sec. 15: NWNW.

1,279.61 Acres

San Juan County, Utah

Monticello Field Office

2. The correct title for lease notice UT-LN-96 is Air Quality Mitigation Measures.
3. The following lease notices have been added to the following parcels:

UTU90276 (UT0214-003) – Lease Notice Change

T&E-19 (as described below) is added

UTU90277 (UT0214-128) – Lease Notice Change

UT-LN-113 (as described below), T&E-07 (as described below), and

T&E-19 (as described below) are added

UTU90278 (UT0214-132) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90280 (UT0214-156) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90281 (UT0214-157) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90284 (UT0214-160) – Lease Notice Change

T&E-19 (as described below) is added

UTU90285 (UT0214-161) – Lease Notice Change

T&E-11 (as described in the NCLS), and T&E-19 (as described below) are added

UTU90286 (UT0214-162) – Lease Notice Change

T&E-11 (as described in the NCLS), and T&E-19 (as described below) are added

UTU90287 (UT0214-163) – Lease Notice Change

T&E-11 (as described in the NCLS), and T&E-19 (as described below) are added

UTU90288 (UT0214-174) – Lease Notice Change

T&E-19 (as described below) is added

UTU90289 (UT0214-176) – Lease Notice Change

UT-LN-113 (as described below), T&E-07 (as described below), and
T&E-19 (as described below) are added

UTU90290 (UT0214-177) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90291 (UT0214-178) – Lease Notice Change

UT-LN-113 (as described below), T&E-07 (as described below), and
T&E-19 (as described below) are added

UTU90292 (UT0214-179) – Lease Notice Change

UT-LN-113 (as described below), T&E-07 (as described below), and
T&E-19 (as described below) are added

UTU90293 (UT0214-180) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90294 (UT0214-181) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90295 (UT0214-182) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90296 (UT0214-183) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90297 (UT0214-184) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90298 (UT0214-187) – Lease Notice Change

UT-LN-113 (as described below), T&E-07 (as described below), and
T&E-19 (as described below) are added

UTU90299 (UT0214-188) – Lease Notice Change

T&E-19 (as described below) is added

UTU90300 (UT0214-191) – Lease Notice Change

UT-LN-113 (as described below), T&E-06 (as described below), T&E-07 (as described below),
and T&E-19 (as described below) are added

UTU90301 (UT0214-202) – Lease Notice Change

UT-LN-113 (as described below), T&E-07 (as described below), and
T&E-19 (as described below) are added

UTU90302 (UT0214-203) – Lease Notice Change

UT-LN-113 (as described below), T&E-07 (as described below), and
T&E-19 (as described below) are added

UTU90303 (UT0214-204) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90304 (UT0214-205) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90305 (UT0214-206) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90306 (UT0214-207) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90308 (UT0214-214) – Lease Notice Change

T&E-19 (as described below) is added

UTU90311 (UT0214-217) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90313 (UT0214-219) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

UTU90314 (UT0214-220) – Lease Notice Change

UT-LN-113 (as described below), and T&E-07 (as described below) are added

<p>UT-LN-113</p>	<p style="text-align: center;">YELLOW-BILLED CUCKOO</p> <p>The lessee/operator is given notice that portions of this lease may be located within Yellow-Billed Cuckoo habitat and no surface-disturbing activities will be conducted within 100 meters of Yellow-Billed Cuckoo habitat (riparian areas) from May 15th through July 20th.</p>
<p>T&E-06</p>	<p style="text-align: center;">MEXICAN SPOTTED OWL</p> <p>The Lessee/Operator is given notice that the lands in this parcel contain suitable habitat for Mexican spotted owl, a federally listed species. The Lessee/Operator is given notice that the lands in this lease contain Designated Critical Habitat for the Mexican spotted owl, a federally listed species. Critical habitat was designated for the Mexican spotted owl on August 31, 2004 (69 FR 53181-53298). Avoidance or use restrictions may be placed on portions of the lease. Application of appropriate measures will depend whether the action is temporary or permanent, and whether it occurs within or outside the owl nesting season.</p> <p>A <u>temporary</u> action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A <u>permanent</u> action continues for more than one breeding season and/or causes a loss of owl habitat or displaces owls through disturbances, i.e. creation of a permanent structure.</p> <p>The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures, will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All Surveys must be conducted by qualified individual(s). 2. Assess habitat suitability for both nesting and foraging using accepted habitat models in conjunction with field reviews. Apply the conservation measures below if project activities occur within 0.5 mile of suitable owl habitat. Determine potential effects of actions to owls and their habitat. <ol style="list-style-type: none"> a. Document type of activity, acreage and location of direct habitat impacts, type and extent of indirect impacts relative to location of suitable owl habitat. b. Document if action is temporary or permanent. 3. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 4. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 5. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in canyon habitat suitable for Mexican spotted owl nesting. 6. For all temporary actions that may impact owls or suitable habitat: <ol style="list-style-type: none"> a. If the action occurs entirely outside of the owl breeding season (March 1 – August 31), and leaves no permanent structure or permanent habitat disturbance, action can proceed without an occupancy survey. b. If action will occur during a breeding season, survey for owls prior to commencing activity. If owls are found, activity must be delayed until outside of the breeding season. c. Rehabilitate access routes created by the project through such means as raking out scars, re-vegetation, gating access points, etc. 7. For all permanent actions that may impact owls or suitable habitat: <ol style="list-style-type: none"> a. Survey two consecutive years for owls according to accepted protocol prior to commencing activities. b. If owls are found, no actions will occur within 0.5 mile of identified nest site. If nest site is unknown, no activity will occur within the designated Protected Activity Center (PAC). c. Avoid drilling and permanent structures within 0.5 mi of suitable habitat unless surveyed and not occupied. d. Reduce noise emissions (e.g., use hospital-grade mufflers) to 45 dBA at 0.5 mile from suitable habitat, including canyon rims. Placement of permanent noise-generating facilities should be determined by a noise analysis to ensure noise does not encroach upon a 0.5 mile

	<p>buffer for suitable habitat, including canyon rims.</p> <ul style="list-style-type: none"> e. Limit disturbances to and within suitable habitat by staying on approved routes. f. Limit new access routes created by the project. <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the U.S. Fish and Wildlife Service between the lease sale stage and lease development stage to ensure continued compliance with the Endangered Species Act.</p>
T&E-07	<p style="text-align: center;">SOUTHWESTERN WILLOW FLYCATCHER</p> <p>The Lessee/Operator is given notice that the lands in this parcel contains riparian habitat that falls within the range for southwestern willow flycatcher, a federally listed species. Avoidance or use restrictions may be placed on portions of the lease. Application of appropriate measures will depend whether the action is temporary or permanent, and whether it occurs within or outside the nesting season. A <u>temporary</u> action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A <u>permanent</u> action continues for more than one breeding season and/or causes a loss of habitat or displaces flycatchers through disturbances, i.e. creation of a permanent structure. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures, will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All Surveys must be conducted by qualified individual(s), and be conducted according to protocol. 2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable riparian habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers. 5. Drilling activities will maintain a 300 ft. buffer from suitable riparian habitat year long. 6. Drilling activities within 0.25 mile of occupied breeding habitat will not occur during the breeding season of May 1 to August 15. 7. Ensure that water extraction or disposal practices do not result in change of hydrologic regime that would result in loss or degradation of riparian habitat. 8. Re-vegetate with native species all areas of surface disturbance within riparian areas and/or adjacent uplands. <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the U.S. Fish and Wildlife Service between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p>
T&E-19	<p style="text-align: center;">JONES CYCLADENIA (CYCLADENIA HYMILIS VAR JONESII)</p> <p>In order to minimize effects to the federally threatened Jones Cycladenia, the Bureau of Land Management (BLM), in coordination with the U.S. Fish and Wildlife Service (Service), has developed the following avoidance and minimization measures. Implementation of these measures will help ensure the activities carried out during oil and gas development (including but not limited to drilling, production, and maintenance operations) are in compliance with the endangered Species Act (ESA). For the purposes of this document, the following terms are so defined: <i>Potential habitat</i> is defined as areas which satisfy the broad criteria of the species habitat description; usually determined by preliminary, in-house assessment. <i>Suitable habitat</i> is defined as areas which contain or exhibit the specific components or constituents necessary for plant persistence; determined by field inspection and/or surveys; may or may not contain Jones Cycladenia; habitat descriptions can be found in Federal Register Notice and species recovery plan links at:</p> <p><http://www.fws.gov/endangered/wildlife.html>. <i>Occupied habitat</i> is defined as areas currently or historically known to support Jones Cycladenia; synonymous with “known habitat.” The following</p>

	<p>avoidance and minimization measures should be included in the Plan of Development:</p> <ol style="list-style-type: none"> 1. Pre-project habitat assessments will be completed across 100% of the project disturbance area within potential habitat¹ prior to any ground disturbing activities (including ATV use) to determine if suitable Jones Cycladenia habitat is present. 2. Site inventories will be conducted within suitable habitat to determine occupancy. Where standard surveys are technically infeasible and otherwise hazardous due to topography, slope, etc. suitable habitat will be assessed and mapped for avoidance (hereafter, "avoidance areas"); in such cases, in general, 300' buffers will be maintained between surface disturbance and avoidance areas. However, site specific distances will need to be approved by FWS and BLM when disturbance will occur upslope of habitat. Where conditions allow, inventories: <ol style="list-style-type: none"> a. Must be conducted by qualified individuals(s) and according to BLM and Service accept survey protocols, b. Will be conducted in suitable and occupied habitat for all areas proposed for surface disturbance prior to initiation of project activities and within the same growing season, at a time when the plant can be detected (usually April 15th to June 5th, however, surveyors should verify that the plant is flowering by contacting a BLM or FWS botanist or demonstrating that the nearest known population is in flower), c. Will occur within 300' from the centerline of the proposed right-of-way for surface pipelines or roads; and within 300' from the perimeter of disturbance for the proposed well pad including the well pad, d. Will include, but not be limited to, plant species lists and habitat characteristics, and e. Will be valid until April 15th the following year. 3. Design project infrastructure to minimize impacts within suitable habitat: <ol style="list-style-type: none"> a. Where standard surveys are technically infeasible, infrastructure and activities will avoid all suitable habitat (voidance areas) and incorporate 300' buffers, in general; however, site specific distances will need to be approved by FWS and BLM when disturbance will occur upslope of habitat, b. Reduce well pad size to the minimum needed, without compromising safety, c. Where technically and economically feasible, use directional drilling or multiple wells from the same pad, d. Limit new access routes created by the project, e. Roads and utilities should share common right-of-ways where possible, f. Reduce the width of right-of-ways and minimize the depth of excavation needed for the road bed; where feasible, use the natural ground surface for the road within habitat, g. Place signing to limit off-road travel in sensitive areas, and h. Stay on designated routes and other cleared/approved areas, i. All disturbed areas will be revegetated with native species comprised of species indigenous to the area and non-native species that are not likely to invade other areas. 4. Within occupied habitat, project infrastructure will be designed to avoid direct disturbance and minimize indirect impacts to populations and to individual plants: <ol style="list-style-type: none"> a. Follow the above recommendations (#3) for project design within suitable habitats, b. To avoid water flow and/or sedimentation into occupied habitat and avoidance areas, silt fences, hay bales, and similar structures or practices will be incorporated into the project design; appropriate placement of fill is encouraged, c. Construction of roads will occur such that the edge of the right of way is at least 300' from any plant and 300' from avoidance areas, d. Roads will be graveled with occupied habitat; the operator is encouraged to apply water for dust abatement to such areas from April 15th to June 5th (flowering period); dust abatement applications will be comprised of water only, e. The edge of the well pad should be located at least 300' away from plants and avoidance areas, in general; however, site specific distances will need to be approved by FWS and BLM when disturbance will occur upslope of habitat, f. Surface pipelines will be laid such that a 300' buffer exists between the edge of the right of way and plants and 300' between the edge of right of way and avoidance areas; use stabilizing and anchoring techniques when the pipeline crossed suitable habitat to ensure pipelines don't move towards the population; site specific distances will need to be
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	<p>approved by FWS and BLM when disturbance will occur upslope of habitat,</p> <ul style="list-style-type: none"> g. Construction activities will not occur from April 15th through June 5th within occupied habitat, h. Before and during construction, areas for avoidance should be visually identifiable in the field, e.g., flagging temporary fencing, rebar, etc., i. Place produced oil, water, or condensate tanks in centralized locations, away from occupied habitat, and j. Minimize the disturbed area of producing well locations through interim and final reclamation. Reclaim well pads following drilling to the smallest area possible. <p>5. Occupied Jones Cycladenia habitats within 300' of the edge of the surface pipelines' right-of-ways, 300' of the edge of the roads' right-of-ways, and 300' from the edge of the well pad shall be monitored for a period of three years after ground disturbing activities. Monitoring will include annual plant surveys to determine plant and habitat impacts relative to project facilities. Annual reports shall be provided to the BLM and the Service. To ensure desired results are being achieved, minimization measures will be evaluated and may be changed after a thorough review of the monitoring results and annual reports during annual meetings between the BLM and the Service.</p> <p>6. Re-initiation of section 7 consultation with the Service will be sought immediately if any loss of plants or occupied habitat for the Jones Cycladenia is anticipated as a result of project activities. Additional site-specific measures may also be employed to avoid or minimize effects to the species. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the ESA.</p>
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Please direct any questions regarding this Errata Sheet to Justin Abernathy, Fluid Minerals Leasing Coordinator, at (801) 539-4067.

/s/ Kent Hoffman

Kent Hoffman
Deputy State Director
Division of Lands and Minerals